

Form PTO-1449

10/734,075

Attorney Docket No.  
62004-1851Serial No.  
To be assigned  
(10/135,314 Parent)

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant  
Mule, et al.Filing Date: 12/11/03  
(4/29/02 Parent)Group  
TBA (2874 Parent)

## U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PTHP	A	4,732,446	3/22/88	Gipson, et al.	350	96.15	10/2/85
PTHP	B	4,943,136	7/24/90	Alexander A. Popoff	350	96.16	12/9/88
PTHP	C	5,037,173	8/6/91	Sampsell, et al.	385	17	11/22/89
PTHP	D	5,039,189	8/13/91	Lytel, et al.	385	2	4/6/90
PTHP	E	5,073,000	12/17/91	Dennis Derfiny	385	14	5/21/90
PTHP	F	5,101,460	3/31/92	Fred V. Richard	385	37	9/4/90
PTHP	G	5,159,770	10/27/92	Reid, deceased et al.	385	14	3/13/91
PTHP	H	5,224,184	6/29/93	Boudreau	385	35	5/21/91
PTHP	I	5,245,680	9/14/93	Gerald F. Sauter	385	24	2/5/93
PTHP	J	5,296,950	3/22/94	Lin et al.	359	9	1/31/92
PTHP	K	5,263,111	11/16/93	Nurse et al.	385	130	2/26/92

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PTHP	L	Chen, et al.; Fully Embedded Board-Level Guided-Wave Optoelectronic Interconnects; June, 2000; Proceedings of the IEEE, Vol. 88, No. 6; pp 780-793
PTHP	M	Wiesmann, et al.; Singlemode Polymer Waveguides For Optical Backplanes; December 5, 1996; Electronics Letters, Vol. 32, No. 25; pp 2329-2330
PTHP	N	Barry, et al.; Highly Efficient Coupling Between Single-Mode Fiber and Polymer Optical Waveguides; August, 1997; IEEE Transactions on Components, Packaging, and Manufacturing Technology - Part B, Vol. 20, No. 3; pp 225-228
PTHP	O	Lee, et al.; Fabrication of Polymeric Large-Core Waveguides for Optical Interconnects Using a Rubber Molding Process; January, 2000; IEEE Photonics Technology Letters, Vol. 12, No. 1; pp 62-64
PTHP	P	Schmeider, et al.; Electro-Optical Printed Circuit Board (EOPCB); 2000 Electronic Components and Technology Conference; pp 749-753
PTHP	Q	Mederer, et al.; 3Gb/s Data Transmission With GaAs VCSELs Over PCB Integrated Polymer Waveguides; September, 2000; IEEE Photonics Technology Letters, Vol. 13, No. 9; pp 1032-1034

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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PTMP	R	5,276,762	1/4/94	Hartman, et al.	385	137	3/2/92
PTMP	S	5,296,950	3/22/94	Lin, et al.	359	9	1/31/92
PTMP	T	5,313,536	5/17/94	Rossi, et al.	385	14	12/15/92
PTMP	U	5,337,388	8/9/94	Jacobowitz, et al.	385	76	8/3/93
PTMP	V	5,371,820	12/6/94	Welbourn, et al.	385	76	1/9/92
PTMP	W	5,396,573	3/7/95	Ecker, et al.	385	88	8/3/93
PTMP	X	5,408,567	4/18/95	Hamilton	385	132	12/1/93
PTMP	Y	5,416,861	5/16/95	Koh, et al.	385	14	4/29/94
PTMP	Z	5,418,360	5/23/95	Sokolowska, et al.	250	227.12	1/21/94
PTMP	AA	5,432,630	7/11/95	Lebby, et al.	359	152	9/11/92
PTMP	BB	5,442,475	8/15/95	Bausman, et al.	359	140	4/21/94

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PTMP ✓	CC	Schröder, et al.; Polymer Optical Interconnects for PCB; 2001; Session 13: Photonic Polymers II; pp 337-343
PTMP	DD	Glukh, et al.; High-performance Polymeric Materials for Waveguide Applications; August, 2000; SPIE – The International Society for Optical Engineering, Linear, Nonlinear and Power Limiting Organics, San Diego, Volume 4106; pp 1-11
PTMP ✓	EE	Liu, et al.; Plastic VCSEL Array Packaging and High Density Polymer Waveguides for Board and Backplane Optical Interconnect; 1998; Electronic Components and Technology Conference; pp 999-1005

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Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PTHP	FF	5,450,508	9/12/95	Decusatis, et al.	385	25	12/8/94
PTHP	GG	5,469,518	11/21/95	Song, et al.	385	89	12/15/94
PTHP	HH	5,499,311	3/12/96	Casimér M. DeCusatis	385	89	12/16/94
PTHP	II	5,521,992	5/28/96	Chun, et al.	385	14	8/1/94
PTHP	JJ	5,548,771	8/20/96	Lin, et al.	395	800	10/14/94
PTHP	KK	5,568,574	10/22/96	Tanguay, Jr., et al.	385	14	6/12/95
PTHP	LL	5,611,014	3/11/97	Nagesh R. Basavanhally	385	90	12/7/94
PTHP	MM	5,649,045	7/15/97	Fjare, et al.	385	145	12/13/95
PTHP	NN	5,652,811	7/29/97	Cook, et al.	385	14	3/6/96
PTHP	OO	5,659,641	8/19/97	DeMeritt, et al.	385	14	12/22/95
PTHP	PP	5,757,989	5/26/98	Yoshimura, et al.	385	14	9/10/93
PTHP	QQ	5,761,350	6/2/98	Seungug Koh	385	14	1/22/97
PTHP	RR	5,774,614	6/30/98	Gilliland, et al.	385	88	7/16/96
PTHP	SS	5,835,646	11/10/98	Yoshimura, et al.	385	14	8/9/96
PTHP	TT	5,841,927	11/24/98	Watanabe, et al.	385	129	9/16/94
PTHP	UU	5,842,881	12/1/98	Ecker, et al.	439	329	8/3/93
PTHP	VV	5,854,868	12/29/98	Yoshimura, et al.	385	50	8/9/96
PTHP	WW	5,864,642	1/26/99	Chun, et al.	385	14	2/10/97
PTHP	XX	5,902,715	5/11/99	Tsukamoto, et al.	430	290	4/2/97
PTHP	YY	5,923,451	7/13/99	Karstensen, et al.	359	163	9/26/95
PTHP	ZZ	5,929,518	7/27/99	Andrew J. Schlaiss	257	712	7/20/97

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PTCP	aa	6,049,639	4/11/00	Paniccia, et al.	385	14	12/19/97
PTCP	bb	6,052,498	4/18/00	Mario J. Paniccia	385	14	12/19/97
PTCP	cc	6,065,881	5/23/00	Okada, et al.	385	88	10/2/98
PTCP	dd	6,071,017	6/6/00	Gilliland, et al.	385	93	6/10/98
PTCP	ee	6,081,632	6/27/00	Yoshimura, et al.	385	5	10/16/97
PTCP	ff	6,141,072	10/31/00	Drabik, et al.	349	122	4/2/98
PTCP	gg	6,162,838	12/19/00	Paul A. Kohl	521	77	6/4/99
PTCP	hh	6,165,890	12/26/00	Kohl, et al.	438	619	1/21/98
PTCP	ii	6,179,627	1/30/01	Daly, et al.	439	76.1	9/25/98
PTCP	jj	6,185,648	2/6/01	Munoz-Bustamante, et al.	710	126	3/31/99
PTCP	kk	6,215,585	4/10/01	Yoshimura, et al.	359	344	2/6/98
PTCP	ll	6,226,429	5/1/01	Hikita, et al.	385	50	9/15/00
PTCP	mm	6,285,813	9/4/01	Schultz, et al.	385	37	10/2/98
PTCP	nn	6,332,050	12/18/01	Feldman, et al.	385	24	4/5/00
PTCP	oo	6,343,171	1/29/02	Yoshimura, et al.	385	50	4/20/99
PTCP	pp	Re. 36, 820	8/15/00	McGinley	361	752	6/3/98

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